



**aerolite**



### Air Medical Services

Every single moment, every single day, all over the world aircraft take off to rescue people and to provide hospital-to-hospital transport for critically ill patients. Aerolite interiors based on a modular concept for multi-mission purposes on board these aircraft provide safe, reliable and cost-effective patient transportation 24 hours a day, 7 days a week.

### What is HEMS?

Early Helicopter EMS Missions (HEMS) operations in the 1970s adapted the existing helicopters to meet their requirements. As helicopters have developed, so too has HEMS equipment. Today, the equipment has to meet the most demanding missions, whether it is in the primary or secondary role. Helicopters are now configured as a dedicated platform to meet HEMS mission requirements. A common request from HEMS operators is to be able to quickly reconfigure the role of the helicopter from one role to another. HEMS requirements have had to evolve with the introduction of centres specialising in the treatment of particular injuries, for example, burns and head traumas. This has resulted in operators having to carry more complex and sophisticated equipment on board day and night. There are almost 2000 dedicated HEMS aircraft flying today. New emerging markets including Latin America, Asia and Africa are joining existing markets of USA, Europe, Australia and Japan.

#### Primary

The prompt arrival at the scene of an accident or incident and the transportation of casualties to hospital.

#### Secondary

Planned inter-hospital transport, providing specialised patient treatment and care.





### Rotorcraft Air Medical Interiors

As mission profiles become more sophisticated, and whereas the public primarily pictures the helicopter landing at the scene of a car crash to help a victim with multiple injuries, air medical services have increasingly taken on a variety of new missions over the last decades. Most scene responses are for injuries, but hospital-to-hospital transport is also often a requirement.

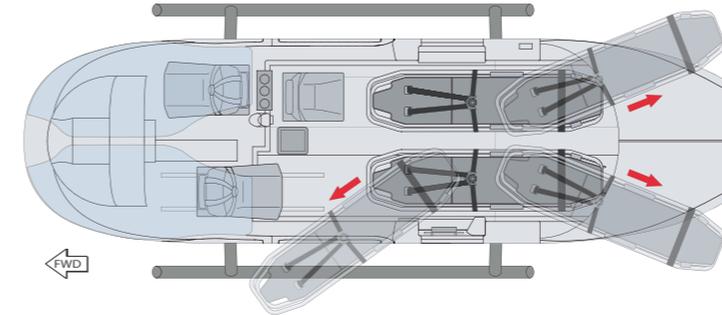


### Airbus H135

One of Aerolite's best known products, operated by multiple customers all over Europe, Japan and South America; this proven interior can be configured to meet operator requirements.

### Basic Life Support Interior

The Basic Life Support Interior is designed for Medevac missions with quick change capabilities from medical to utility. The lightweight and ergonomic handling provide maximum safety for medical crew and patient(s).



### Features:

- One or two stretchers
- Oxygen supply and stowage provisions
- Comfortable medical seats
- Ergonomic aft or side-loading system

### Advanced Life Support Interior

Based on a modular concept, the Advanced Life Support Interior comprises equipment that can be configured to cover primary and secondary missions.

### Features:

- Sealed medical floor
- Integrated electrical oxygen system
- Integrated oxygen system
- Rails and racks for the attachment of medical devices
- Neonatal patient transport (incubator)
- Primary stretcher AFT or side loading



**Airbus H145**

The spacious cabin of the EC145 gives the operator the flexibility to utilise Aerolite to its full potential, design and certification of EMS equipment that fulfils their requirements for given missions.



**Features:**

- Lightweight and foldable stretcher for simple rear-loading of patient
- Comfortable medical attendant seats
- Oxygen supply and storage
- Spacious stowage for med equipment
- Tie down web for loose equipment such as doctor's case or rucksack
- EMS supply panel, (central location for electrical and oxygen outlets)



The **Basic Life Support Interior** is designed for Medevac missions with quick change capabilities from utility to medical configuration. The lightweight equipment and ergonomic handling provide maximum comfort and safety for the medical crew and patient.

The **Advanced Life Support Interior** is based on a modular concept with various components for scene rescue, intensive care, neonatal missions and search & rescue. The interior is designed to give maximum room and comfort to the medical crew and patient. Single or dual patient configurations allow for full body access and the loading platform is for ergonomic rear and side-loading. Power and gas supply permits the installation of various medical devices. The medical floor has an integrated drainage system for liquid handling, prevents corrosion and is easy to clean and instal.



**Features:**

- Lightweight and comfortable patient loading from rear and side
- Flexible medical equipment integration for various life support systems



- Mobile suction and medical air systems
- Storage cabinets with lockable drawers for medicines and IV warmer compartment
- Patient, cabin and rear-loading lighting
- Sealed medical floor, easy to clean

## Leonardo AW139

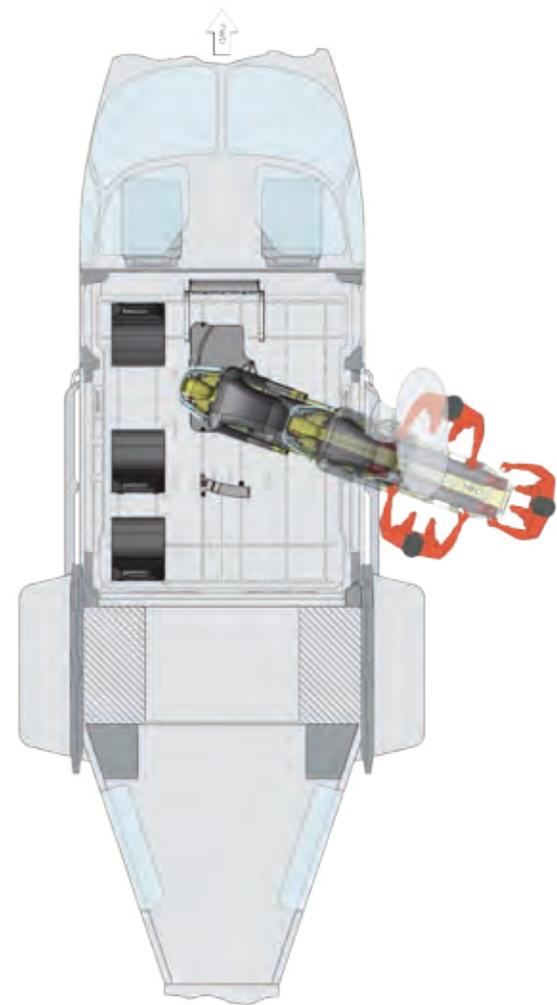
The large cabin of the AW139 has been adapted by Aerolite to provide the best possible configuration options, for primary or secondary patient transport missions.

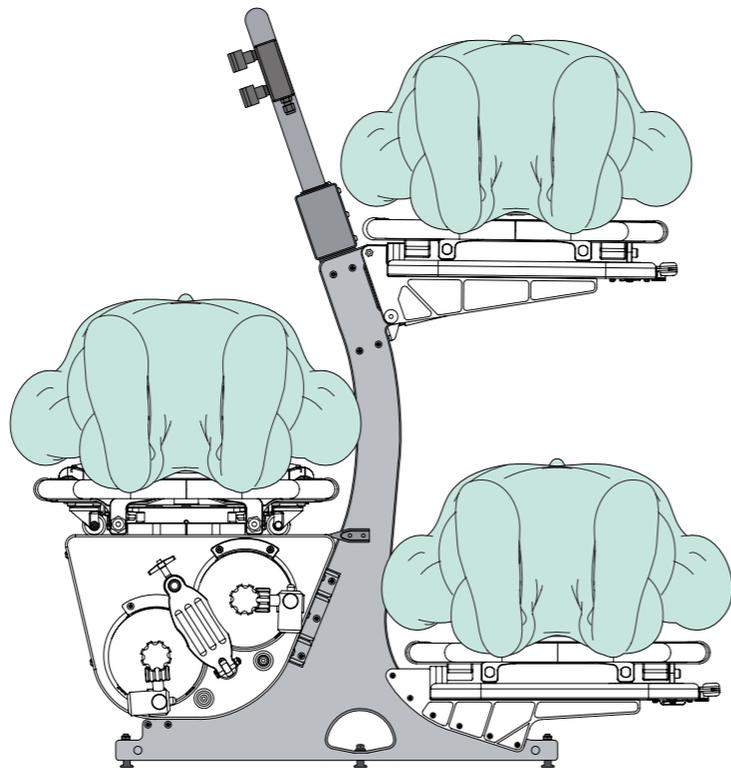


The **Advanced Life Support Interior** is based on a modular concept with various components for scene rescue, intensive care, neonatal missions and search & rescue. Power and gas supply permits the installation of various medical devices. The medical floor prevents corrosion and is easy to clean and install. Various configurations, including electrical lift function for loading and unloading of patients.

## Features:

- Electrically powered patient loading from side
- Flexible medical equipment integration for various life support systems
- Pack Rack (Stretcher Bridge) certified for take-off and landing
- Mobile suction and medical air systems
- Patient, cabin lighting
- Sealed medical floor, easy to clean
- Onboard refillable oxygen system





The **Basic Life Support Interior** is designed for Medevac missions with quick change capabilities from utility to medical configuration. The lightweight equipment and ergonomic handling provide maximum comfort and safety for the medical crew and patient.



### Leonardo AW109

This neat compact platform gives Aerolite the chance to show the full range of its engineering capabilities and to design an EMS interior capable of fulfilling all the needs of operators.



The **Advanced Life Support Interior** is based on a modular concept with various components for scene rescue, intensive care, neonatal missions and search & rescue. Power and gas supply permits the installation of various medical devices. The medical floor prevents corrosion and is easy to clean and install.

#### Features:

- Lightweight and comfortable patient loading from side
- Flexible medical equipment integration for different life support systems
- Pack rack (stretcher bridge) certified for take-off and landing
- Mobile suction and medical air systems
- Patient, cabin lighting
- Sealed medical floor, easy to clean

#### Features:

- Lightweight stretcher for simple side-loading of patient
- One or two stretchers
- Comfortable medical attendant seats
- Oxygen supply and storage
- Stowage for medical equipment

#### Three Stretcher Kit

For the transport of one intensive care patient or two Medevac patients and up to six passengers.

#### Features:

- Lightweight and comfortable patient loading from side
- Flexible medical equipment integration for various life support systems
- Integrated electrical and oxygen systems

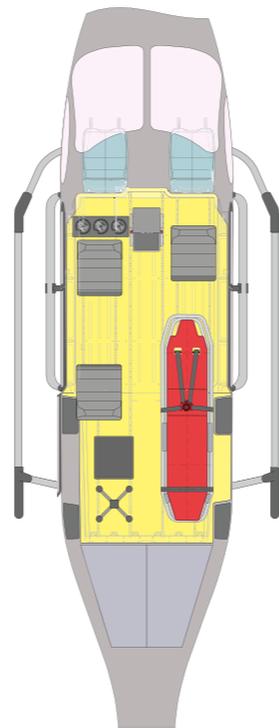
## Bell 429

New to the market in 2010, the Bell 429 includes all the best solutions gained from Aerolite's many years of experience in the industry, plus brand new development to complement the new platform.



### Para Public Interior

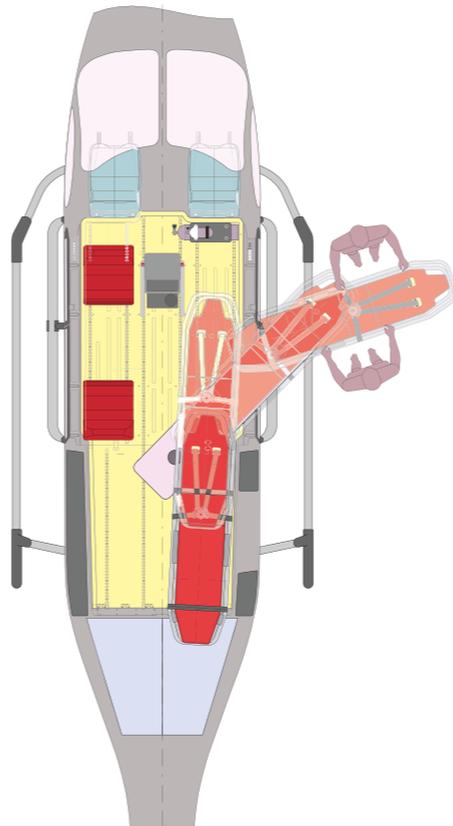
The Basic Life Support Interior is designed for Medevac missions with quick change capabilities from utility to medical configuration. The lightweight equipment and ergonomic handling provide maximum comfort and safety for the medical crew and patient.



### Features:

- Lightweight stretcher for simple rear-loading of patient
- Comfortable medical attendant seats
- Oxygen supply and storage
- Stowage for medical equipment

The **Advanced Life Support Interior** is based on a modular concept with various components for scene rescue, intensive care, neonatal missions and search & rescue. Power and gas supply permits the installation of various medical devices.



### Features:

- Roll-in lightweight patient loading from rear
- Neonatal patient with an incubator
- Flexible medical equipment integration for various life support systems



- Storage cabinets with lockable drawers for narcotics and IV warmer (optional)
- Oxygen, LOX System or gaseous supplied
- Mobile suction and medical air system
- Patient, cabin lighting
- Sealed medical floor, easy to clean

## MD Helicopter

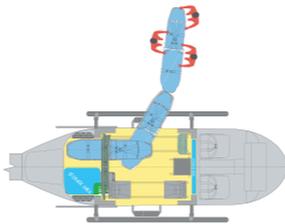
The MD 902 with its spacious cabin provides a great platform for Aerolite's EMS equipment, utilising the existing attachment provisions for the installation of cabinets and equipment racks creates the ability to change configuration with ease.



### Features:

- Lightweight and comfortable patient loading from rear and side
- Flexible medical equipment integration for different life support systems
- Storage cabinets with lockable drawers for narcotics
- Oxygen and electrical supply systems
- Mobile suction and medical air systems
- Additional patient cabin lighting

The **Advanced Life Support Interior** is based on a modular concept with various components for scene rescue, intensive care, neonatal missions and search & rescue. Power and gas supply permits for the installation of different medical devices.



## NH Industries NH90

One of the largest cabin spaces available in a helicopter gives the opportunity to instal intensive care stations in a helicopter. Transport for two intensive patients in various configurations.



The **Advanced Life Support Interior** is based on a modular concept with various components for intensive care.



### Features:

- Compatible with NATO stretcher or Transco stretcher
- Flexible medical equipment integration for various life support systems
- Storage cabinets with lockable drawers for narcotics
- Oxygen and electrical supply systems
- Mobile suction and medical air systems
- No modification required to the original helicopter

## Fixed-Wing Medical Interiors

The interior of a fixed-wing aircraft is specifically designed to serve the needs of a critically ill patient. In essence, it is a portable intensive care unit (ICU). The equipment often carried onboard includes ventilators, defibrillators, syringe pumps, portable suction pumps and cardiac monitors. The large cabin provides the comfort to safely transport patients, medical attendants, doctors and all the specialised medical equipment that is needed to transport / repatriate patients from all over the world.



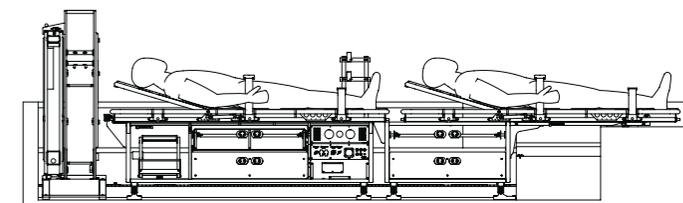
## Learjet

This aircraft provides an excellent platform for an ambulance, even though small in size the Aerolite interior has been designed to utilise the space to its full potential, thus providing the operator with a functional ambulance to rival its larger competitors.



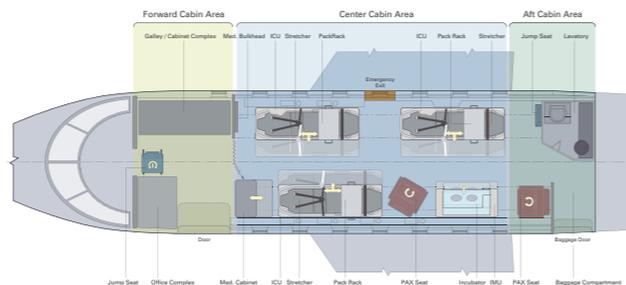
## Advanced Life Support Interior

- Lightweight and comfortable patient loading
- One or two-patient configuration
- Flexible medical equipment integration for various life support systems
- Storage cabinets with lockable drawers for narcotics
- Oxygen and electrical supply systems
- Mobile suction and medical air systems



## Bombardier Challenger

Aerolite designed, manufactured and installed an entire interior for the CL 600 series aircraft, which includes intensive care units, a crew rest that can be converted into seats, a ramp for loading and unloading of patients using a roll-in stretcher, an office and galleys. The spacious cabin allows the transport of patients who require advanced life support from medical attendants and doctors, there is also the possibility for family members to travel with the patient.



**BOMBARDIER**

## Beechcraft King Air 200

Aerolite's innovative medical interior represents the finest in the industry. The top design, functionality, ergonomics, comfort, durability, maintenance and the weight aspect is most renowned. The new stretcher loading/unloading system ensures safest possible handling of the patient. The crew enjoys perfect lighting conditions and won't miss the edgeless equipment that is easiest to keep clean and sterile. The Aerolite interior is designed to provide most necessary requirements, ready for customization.



**Beechcraft**

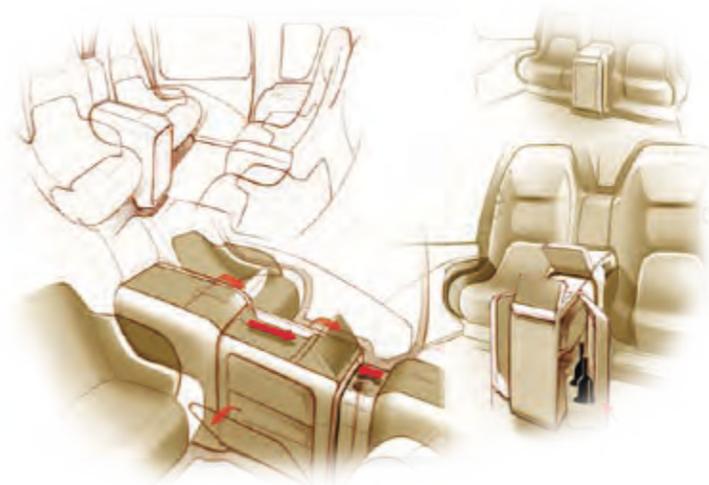
## Advanced Life Support Interior

- Lightweight and comfortable patient loading
- One or two patient configuration
- Flexible medical equipment integration for various life support systems
- Storage cabinets with lockable drawers for narcotics
- Oxygen and electrical supply systems



## Corporate / VIP Aircraft Interiors

Travelling in comfort and style! Customers who require an exclusive outfitting of their helicopters or fixed-wing aircraft are in good hands with Aerolite's open-mindedness and high-quality attitude. The Aerolite helicopter VIP interior of the future will consist of three different styles which customer can choose from.



## Aircraft Expertise

- Airbus H135
- Airbus H145
- Leonardo AW109
- McDonnell Douglas MD-11
- Boeing B777

## New VIP Concepts

First ideas and sketches for a sophisticated VIP interior.



## Aerolite at a glance

Aerolite was founded in 1995. Since its beginning, Aerolite has achieved a leading position and is known in the market for high quality and functional interiors. The success of Aerolite in the world market is founded both on competitiveness and a range of unique skills and capabilities that deliver excellent solutions to our customers. Today, over 100 employees in Switzerland and the United States constantly strive to meet customer expectations in terms of cost, quality and responsiveness. This has resulted in Aerolite working together with its civil and military customers closely to provide a range of innovative and customized solutions.

Represented in strategic locations both in Europe and North America, Aerolite can provide assistance to its international customers. Dedicated and highly experienced teams are on call to attend to Aerolite's customers. Our product range and our commitment to customer service provide the platform to deliver the required capability in an efficient and cost-effective manner. In 2006, the company continued its strategy of developing new market opportunities and expanded its business activities into corporate/VIP interiors..



"I am happy to come to work every day knowing that, high quality, cleanliness, and experience are absolute essentials, our Aerolite products are born from them."

Reto Achermann,  
mechanics



"Flexibility and independence for my daily work, identify me in Aerolite".

Murer René,  
warehouse manager



"It's great to work at a company with such interesting projects, whose products help to save lives daily."

Patrick Cavigelli, leader workshops



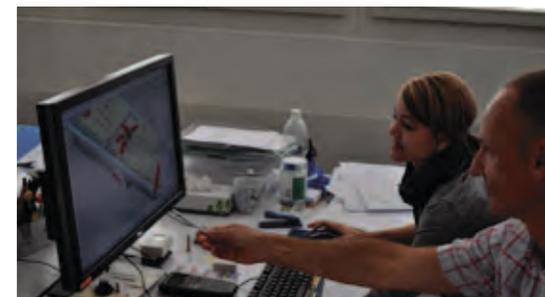
"Programming, milling, quality control of parts and the installation of equipment in local and foreign locations challenge me everyday, over and over again. I can experience all these versatile challenges only at Aerolite."

Martin Wyrsch, composite specialist



"I'm proud to be a part of this innovative company. I came to work happy every day to meet new challenges."

Karin Ronzi, receptionist



"Aerolite manufactures high-quality EMS medical equipment to rescue and transport the injured people, therefore I'm motivated to develop life-saving products every day."

Georgette Bieri, engineer

